## CITY OF KIRKLAND CAPITAL IMPROVEMENT PROGRAM 2019 TO 2024

PROJECT #	WAC0520000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Rod Steitzer

PROJECT	108TH AVENUE NE WATERMAIN REPLACEMENT		
TITLE			
PROJECT	NE 60th Street to NE 68th Street	PROJECT START	PROJECT STATUS
LOCATION		2020	Modified Project

## **DESCRIPTION/JUSTIFICATION**

Replacement of approximately 2,620 feet of 8-inch asbestos concrete watermain with new 12-inch ductile iron pipe on 108th Avenue NE, between NE 60th Street and NE 68th Street. The existing watermain serves a large area and system modeling shows that this watermain is at 60% to 69% of desired flow capacity.

## **REASON FOR MODIFICATION (WHERE APPLICABLE)**

Project moved from Unfunded; Total project costs changed from \$1,584,000 to \$1,780,000 due to updated cost estimate and escalation for future years. Method of Financing modified to match.

POLICY BASIS
Water Comprehensive Plan

COUNCIL GOALS
Dependable Infrastructure

METHOD OF FINANCING (%)				
Current Revenue	100%			
Reserve	0%			
Grants	0%			
Other Sources	0%			
Debt	0%			
Unfunded	0%			

CAPITAL	Prior							2019-2024	Future	Total
COSTS	Year(s)	2019	2020	2021	2022	2023	2024	TOTAL	Year(s)	Project
Planning/Design/ Engineering	0	0	134,000	103,000	0	0	0	237,000	0	237,000
In-House Professional Svcs.	0	0	57,000	43,000	0	0	0	100,000	0	100,000
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	0	832,800	663,600	0	0	0	1,496,400	0	1,496,400
Comp. Hardware/ Software	0	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0	0
Other Services	0	0	0	0	0	0	0	0	0	0
Total	0	0	1,023,800	809,600	0	0	0	1,833,400	0	1,833,400
NEW MAINT. AND										
OPER.	0	0	0	0	0	0	0	0	0	0
NEW FTE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
Amount of public disruption and inconvenience caused	Considerable disruption to through (and local) traffic and to pedestrian access is expected during construction.
Community economic impacts	Lower maintenance costs through modernization of the water system infrastructure.
Health and safety, environmental, aesthetic, or social effects	Benefits area residents through increased fire flow capacity.
Responds to an urgent need or opportunity	Represents a timely replacement of a portion of the water system infrastructure consistent with the 2014 Water Comprehensive Plan.
Feasibility, including public support and project readiness	Project represents scope of work that is typical for water utility construction.
Conforms to legal or contractual obligations	Project will be designed and constructed per legal and professional guidelines and requirements.
Responds to state and/or federal mandate	N/A
Benefits to other capital projects	Connects to other neighborhood CIP watermain projects.
Implications of deferring the project	Possible disruption in water service and a decrease in fire flow capacity over time.
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	Name of Neighborhood(s) in which located: <i>Central Houghton, Everest</i> Is there a specific reference to this project or land use in the immediate vicinity? <i>No</i> How does the project conform to such references?  Attachments   (Specify)
LEVEL OF SERVICE IMPACT	<ul> <li>□ Project provides no new capacity (repair, replacement or renovation).</li> <li>☑ Project provides new capacity. Amount of new capacity provided: 20%</li> <li>□ Project assists in meeting/maintaining adopted level of service.</li> <li>□ Project required to meet concurrency standards.</li> </ul>